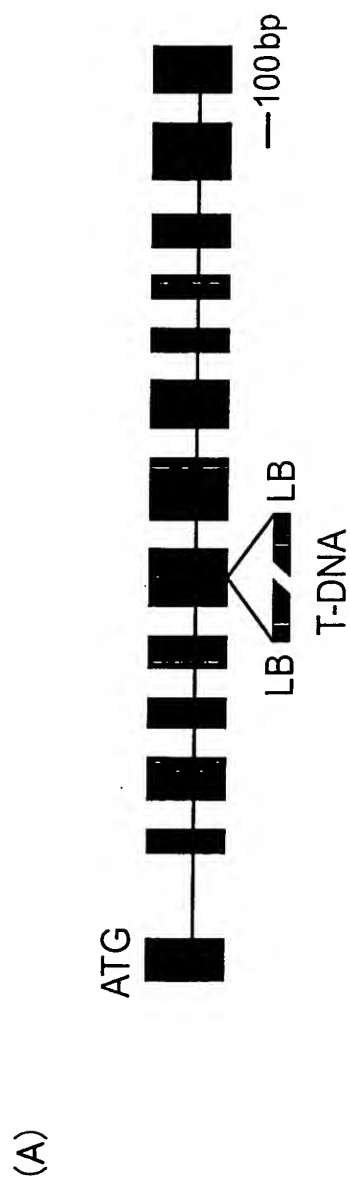


FIG. 1

AlaAT1	1:	-----	0
AlaAT2	1:	-----	0
AlaAT3	1:	MRRFLINQAKGLVDHS--RRQ-HHHKSPSFLSPQPRPLASSPPALSRFF--SSTSEMSASD	56
AlaAT4	1:	MRRFVIGQAKNLDQSRRLHHLHNLSFVSLIP-PFSAPSDSSSRHLSSSSSSDMSASD	59
AlaAT1	1:	-MALKALDYDTLNVNKVCQYAVRGE-LYL--R-ASEL--QKEG---KKVIFTNVGNPHA	50
AlaAT2	1:	-MSLKALDYESLNENVKNCQYAVRGE-LYL--R-ASEL--QKEG---KKIIFTNVGNPHA	50
AlaAT3	57:	STSSLPVTLDSINPKVLKCEYAVRGEIVNIAQKLQEDLKTNDAYPFDEIIYCNIQN PQS	116
AlaAT4	60:	SSSLPVTLDTINPKVIKCEYAVRGEIVNIAQKLQEDLKTNDAYPFDEIIYCNIQN PQS	119
		* * * * *	
AlaAT1	51:	LGQKPLTFPRQVVLCQAPFLDDPNV-GM-LFPADAIARAKHYLSLTSG-GLGAYS DSR	107
AlaAT2	51:	LGQKPLTFPRQVVS LCQAPFLDDPNV-GM-IFPADAIARAKHYLSLTSG-GLGAYS DSR	107
AlaAT3	117:	LGQLPIKFFREVLALCDHASLLDESETHGL--FSTD SIDRAWRI LDHIPGRATGAYSHSQ	174
AlaAT4	120:	LGQQPITFFREV LALCSYTALLDESATHGLFRFSSDIERAWKILDQIPGRATGAYSHSQ	179
		*** *	
AlaAT1	108:	GLPGVRKEVAEFIQR RDGYPSDPELI FLTDGASKGVMI LNCVIRGNGDGILVPVPQYPL	167
AlaAT2	108:	GLPGVRKEVAEFIER RDGYPSDPELI FLTDGASKGVMI LNCVIRGQKDGILVPVPQYPL	167
AlaAT3	175:	GIKGLRDVIAAGIEARDGF PADPDIFL TDGASP AVHMMQLLSSEKD GILSPIQYPL	234
AlaAT4	180:	GIKGLRDAIADG IEARDGF PADPDIFMT DGAS PGVHMMQLLITSEKD GILCPIQYPL	239
		* *	
AlaAT1	168:	YSATISLLGGTLVPYYL DESENWGLDVANLRQSVAQARSQG ITVRAMVI INPGNPTGQCL	227
AlaAT2	168:	YSATISLLGGTLVPYYLE SENWGLDVNNLRQSVAQARSQG ITVRAMVI INPGNPTGQCL	227
AlaAT3	235:	YSASIALHGGS LV PYYLDEATGWGLE ISDLKK QLEE ARSKGIS VRALVINPGNPTGQVL	294
AlaAT4	240:	YSASIALHGGS LV PYYLDEASGWGLE ISELKK QLEDAR SKGITVRALAVINPGNPTGQVL	299
		*** *	
AlaAT1	228:	SEANIREILKF CYNEKL VLLGDEVYQQNI YQDERPFI SSKKVLMEMGSPFSKEVQLVSFH	287
AlaAT2	228:	SEANIREILRFCC DERLVLLGDEVYQQNI YQDERPFI SSKKVLMDMGAPISKEVQLISFH	287
AlaAT3	295:	AENQRDIVNFCKQE GLVLLADEVYQENVYVPDKKFHSFKKVARS LGY-GEKDISLV SFQ	353
AlaAT4	300:	SEENQRDVVKFCKQE GLVLLADEVYQENVYVPDKKFHSFKKVARS MG Y-GEKD LALVS FQ	358
		* *	
AlaAT1	288:	TVSKGYWGECGQRGGYFEMTNLP PRVVEE IYKVASIALSP NVSAQIFMGLMVNP PKPGDI	347
AlaAT2	288:	TVSKGYWGECGQRGGYFEMT NIPRTVEE IYKVASIALSP NVSAQIFMGLMVSP PKPGDI	347
AlaAT3	354:	SVSKGYYGECGKRGGYME VTGFTSDVREQIYKM ASVNLC SNISGQILAS LMSP PKPGDD	413
AlaAT4	359:	SVSKGYYGECGKRGGYME VTGFTSDVREQIYKM ASVNLC SNISGQILAS LIMSP PKPGDD	418
		***** *	
AlaAT1	348:	SYDQFARESKGILESLRRRARLMTDGFNSCKNV CNFTEGAMY SFPQIRLPTGALQA AKQ	407
AlaAT2	348:	SYDQFVRESKGILESLRR RARMMDTG FN SCNV CNFTEGAMY SFPQIKLPSKA IQAAKQ	407
AlaAT3	414:	SYDSYMAERDGI LSSMAKRAKTLEDAL NSLEGVTCN RAEGAMYLFP RINLPQKAIEA EEA	473
AlaAT4	419:	SYESYIAEKDGI LSSLARRAKTLEEAL NKLEGVTCN RAEGAMYLFP CLHLPQKAIAA EEA	478
		** *	
AlaAT1	408:	AGKVDPDFYCKLLE ATGISTVPGSGFGQKEGVFHL RTTILPAEDEMP EIMDSF KKFNDE	467
AlaAT2	408:	AGKVDPDFYCKLLE ATGISTVPGSGFGQKEGVFHL RTTILPAEEEMP EIMDSF KKFNDE	467
AlaAT3	474:	EKTAPDAFYCKRLL NATGVVVVPGSGFGQVPGTW HFCTILPQEDKIPA IVNR LTFHKS	533
AlaAT4	479:	EKTAPDNFYCKRLLKATGI VVPGSGFRQVPGTW HFCTILPQEDKIPA IVDR LTAHQ S	538
		** *	
AlaAT1	468:	FMTQYDNNFGYSKM	481
AlaAT2	468:	FMSQYADNFGYSRM	481
AlaAT3	534:	FMDEFRN-----	540
AlaAT4	539:	FMDEFRD-----	545
		**	

FIG.2



(B)

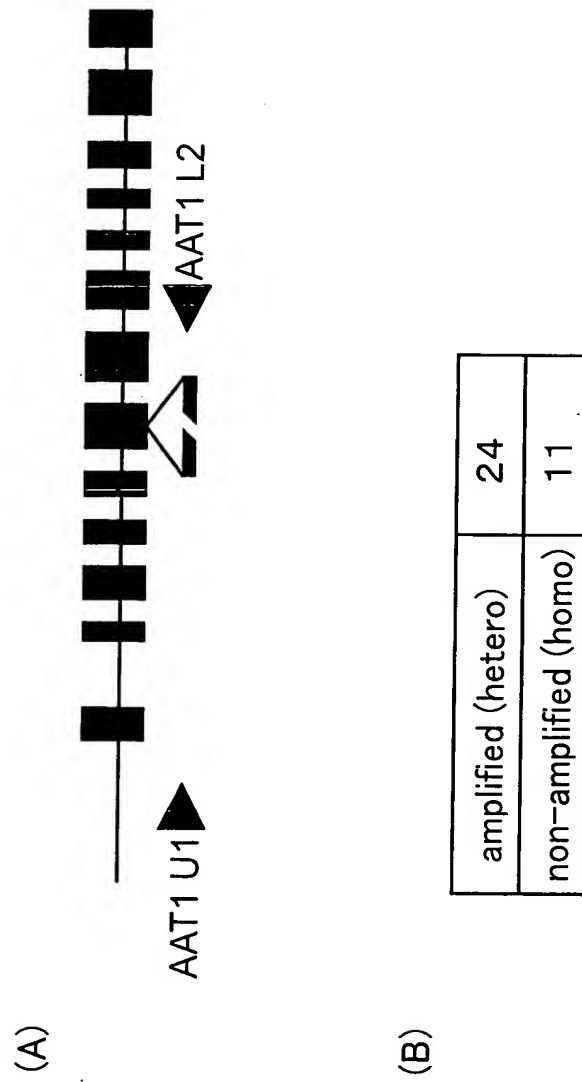
wild

CTG	TTA	GGT	GGT	ACT	CTT	GTT	CCT	TAC	TAT	TAT	CTT	GAT	GAG
L	L	G	G	T	L	V	P	Y	Y	L	D	E	

8086

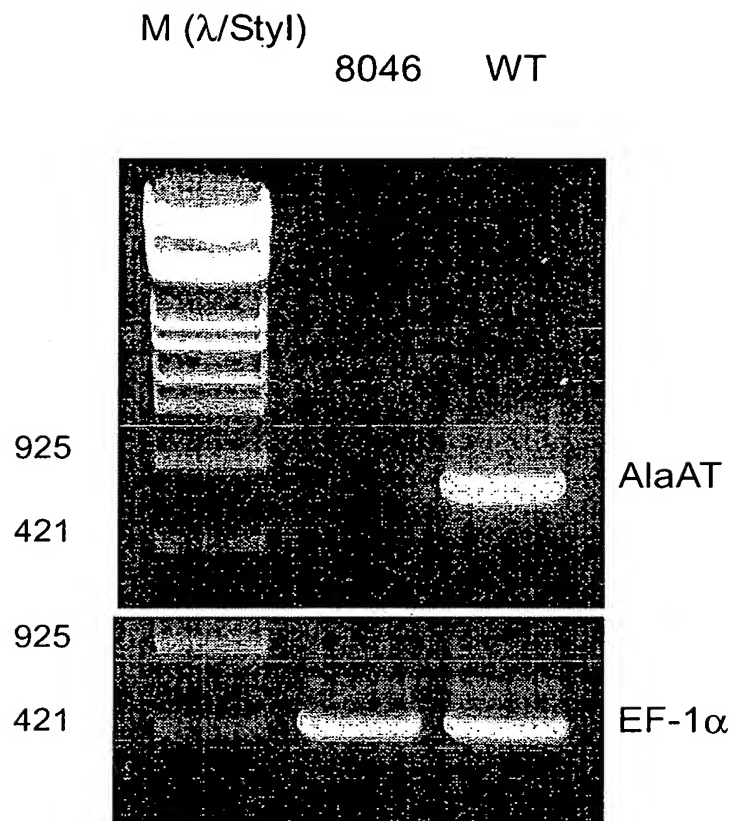
CTG	TTA	GCA	ATT	CAA	TTG	TAA	[T-DNA]	GGTAAT	TAC	TAT	CTT	GAT	GAG
L	L	A	I	Q	L	*							

FIG.3



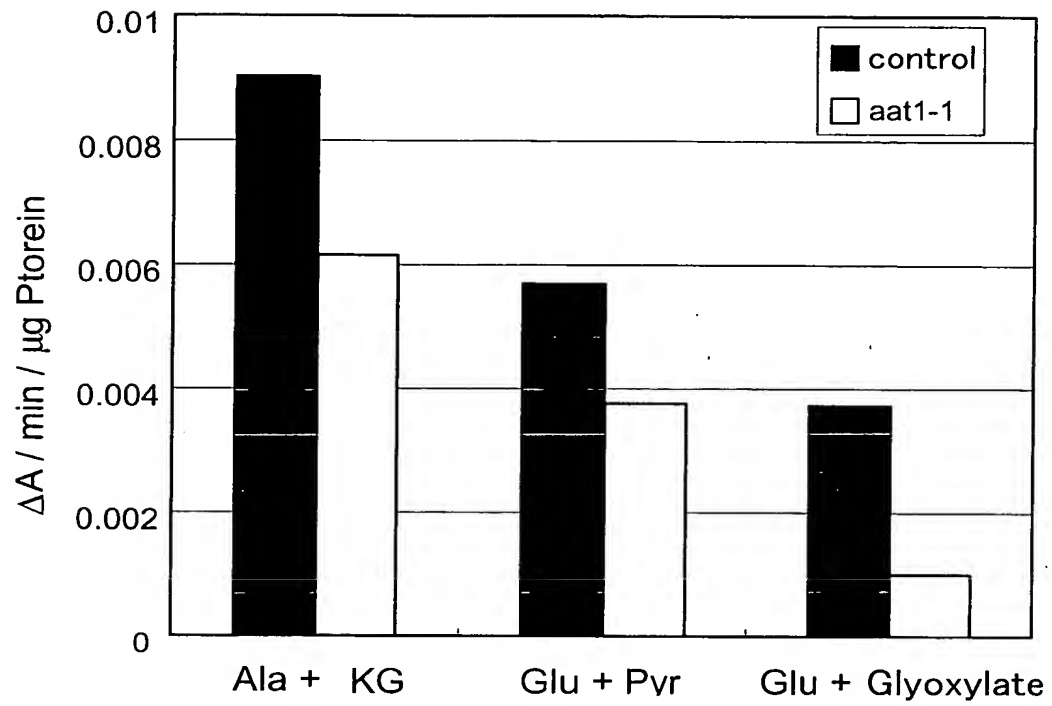
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FIG.4



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FIG.5



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FIG.6

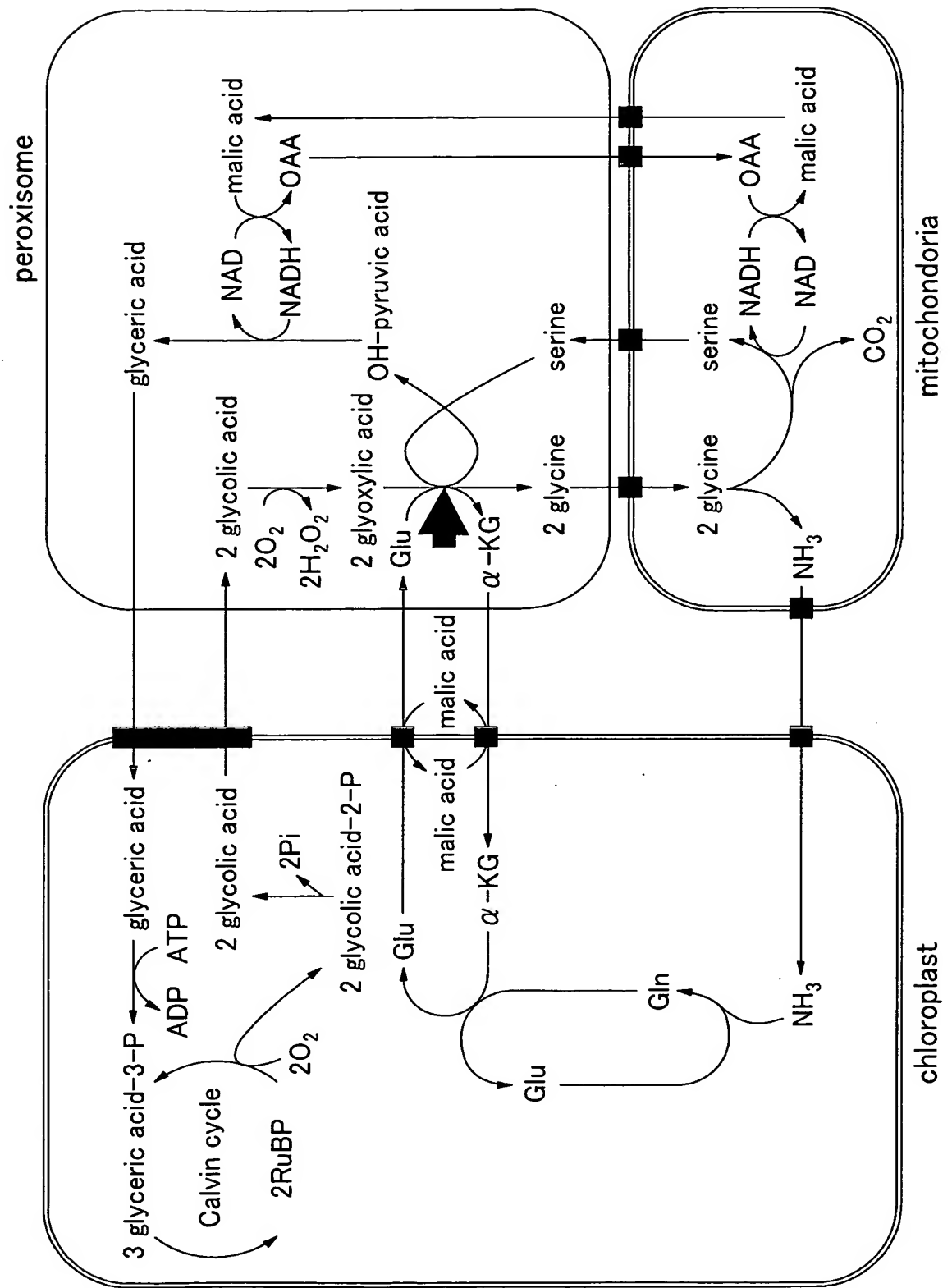


FIG.7

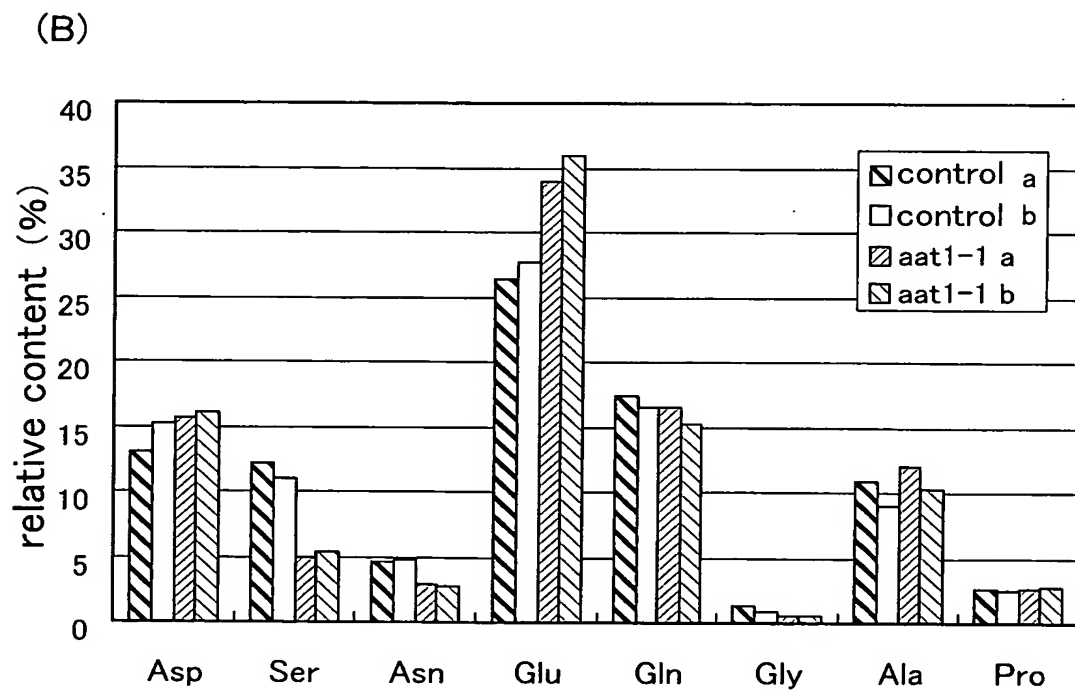
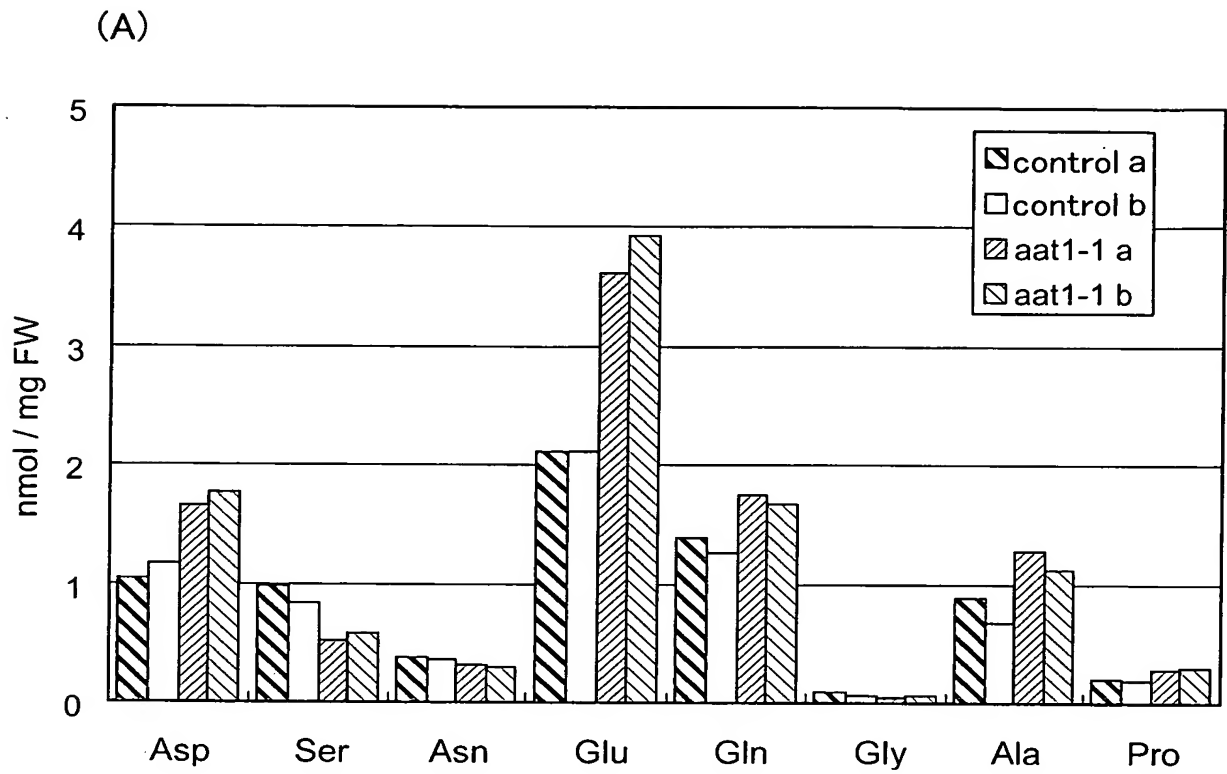


FIG.8

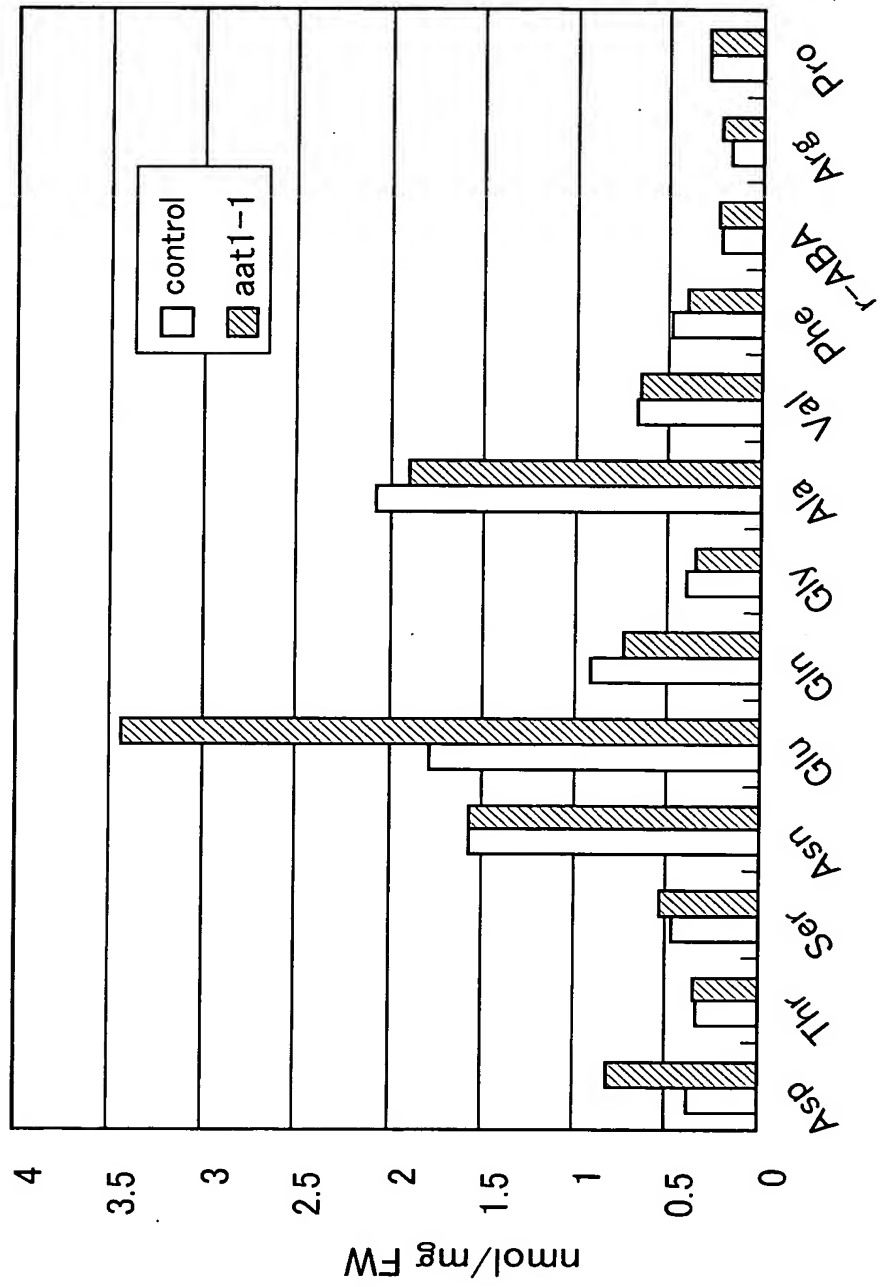


FIG.9

